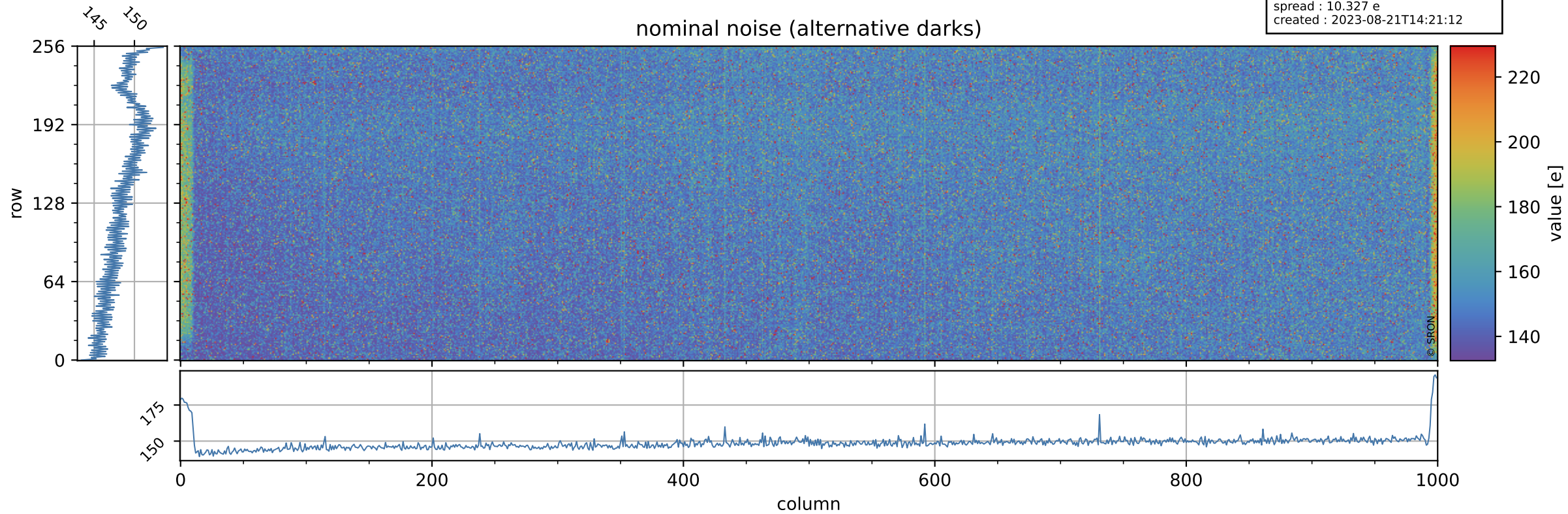


# Tropomi SWIR background noise (swir)

orbits : 13 in [3187, 3277]  
coverage : 2018-05-26 / 2018-06-01  
n\_coad, t\_exp : 1, 1.0783  
median : 148.36 e  
spread : 10.327 e  
created : 2023-08-21T14:21:12

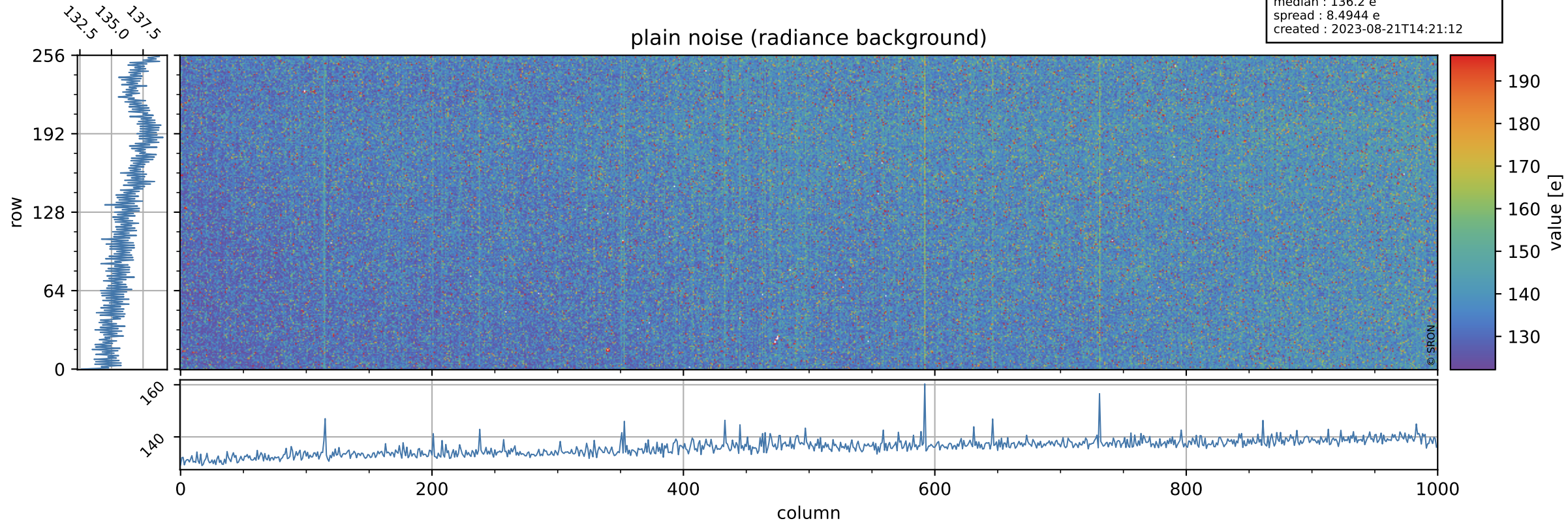
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3187, 3277]  
coverage : 2018-05-26 / 2018-06-01  
n\_coad, t\_exp : 2, 0.5383  
median : 136.2 e  
spread : 8.4944 e  
created : 2023-08-21T14:21:12

## plain noise (radiance background)

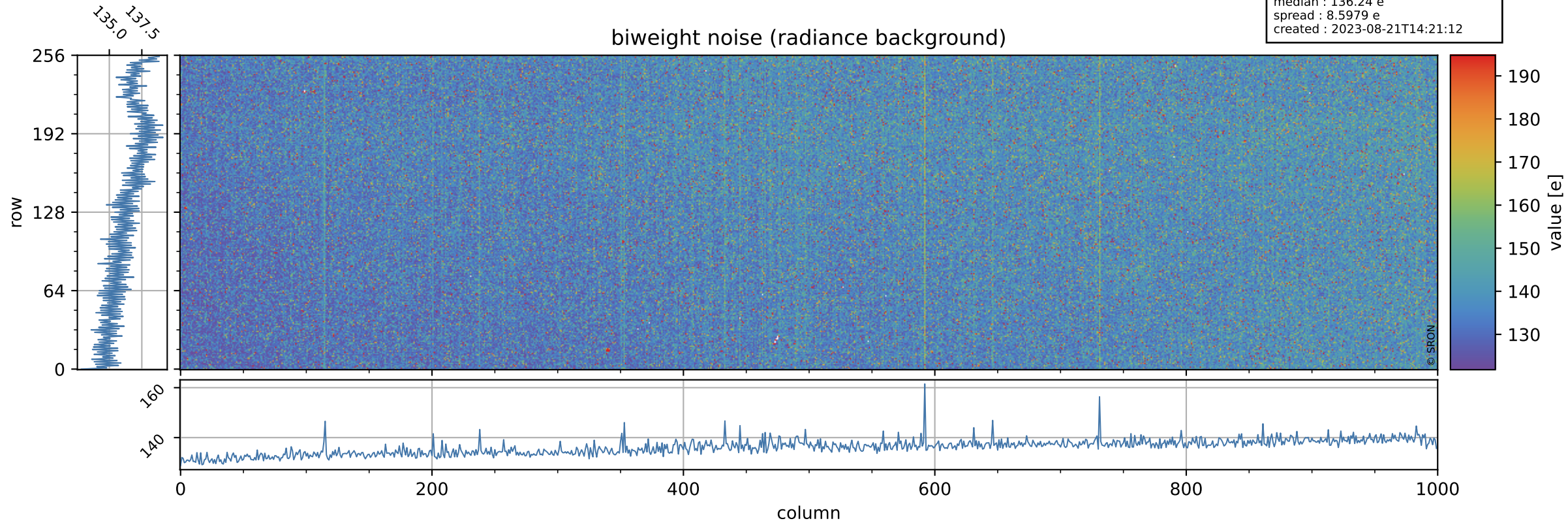




# Tropomi SWIR background noise (swir)

orbits : 13 in [3187, 3277]  
coverage : 2018-05-26 / 2018-06-01  
n\_coad, t\_exp : 2, 0.5383  
median : 136.24 e  
spread : 8.5979 e  
created : 2023-08-21T14:21:12

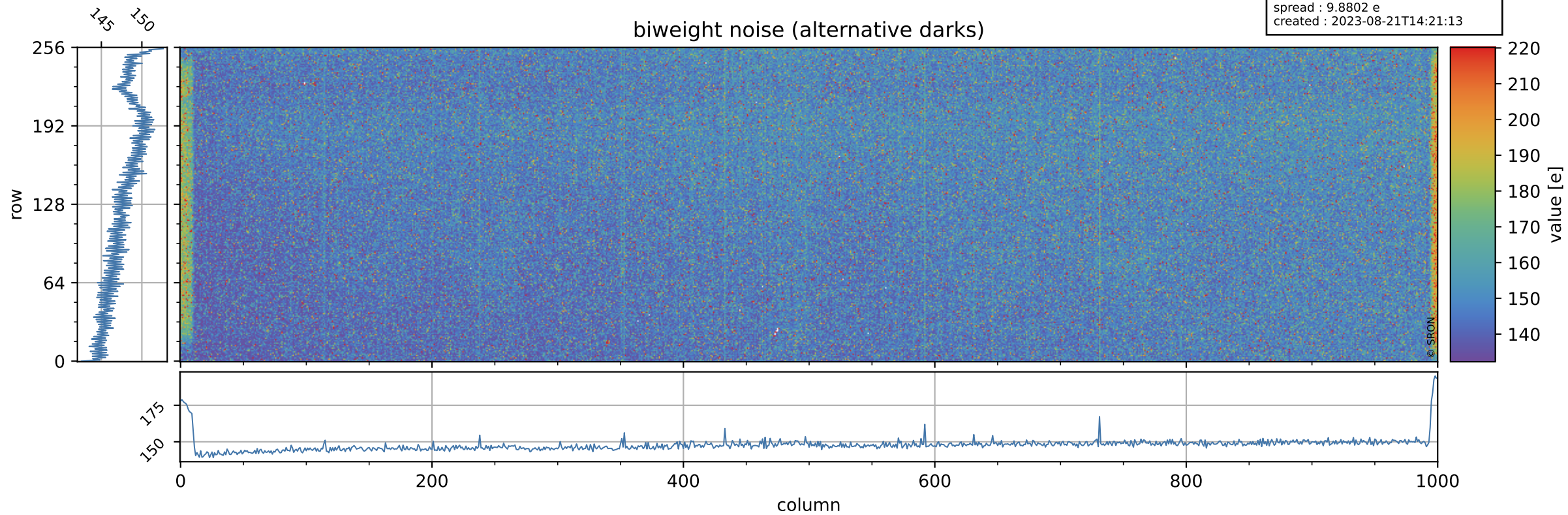
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3187, 3277]  
coverage : 2018-05-26 / 2018-06-01  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 9.8802 e  
created : 2023-08-21T14:21:13

## biweight noise (alternative darks)

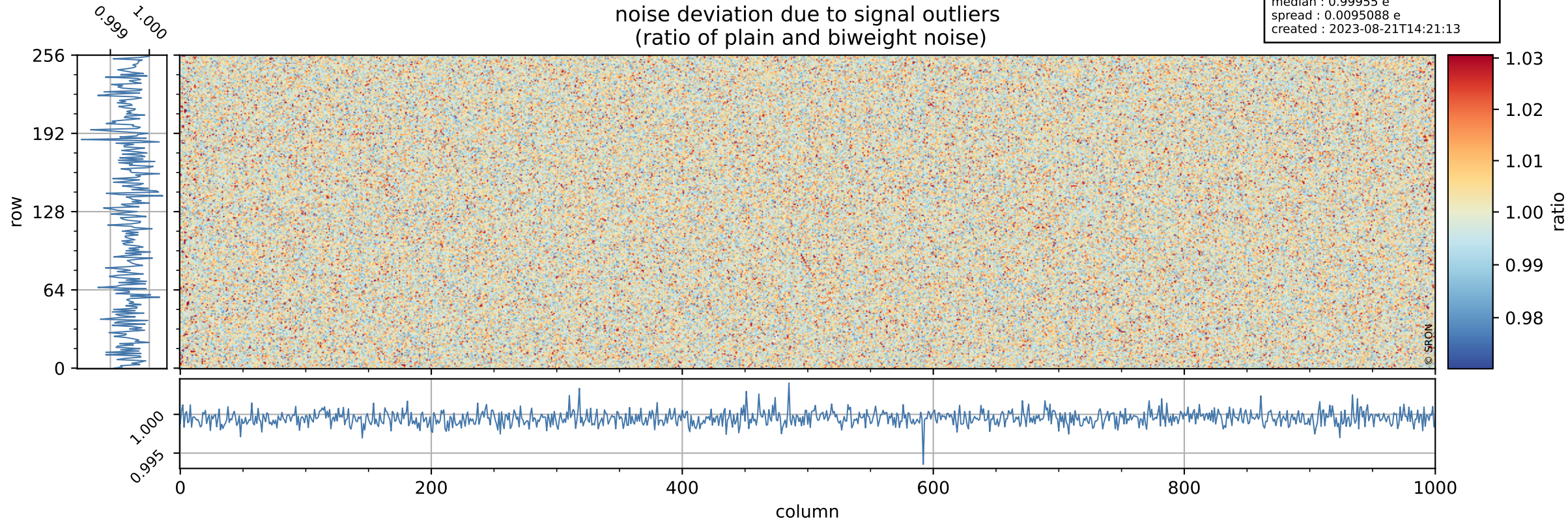




# Tropomi SWIR background noise (swir)

noise deviation due to signal outliers  
(ratio of plain and biweight noise)

orbits : 13 in [3187, 3277]  
coverage : 2018-05-26 / 2018-06-01  
median : 0.99955 e  
spread : 0.0095088 e  
created : 2023-08-21T14:21:13

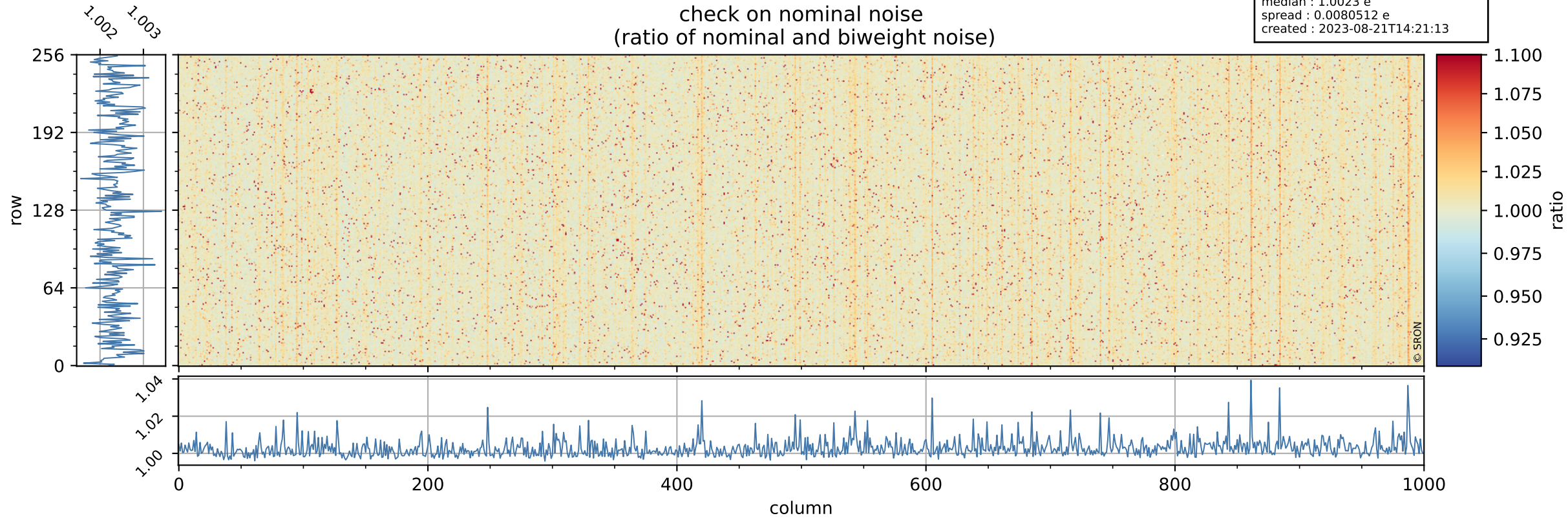




# Tropomi SWIR background noise (swir)

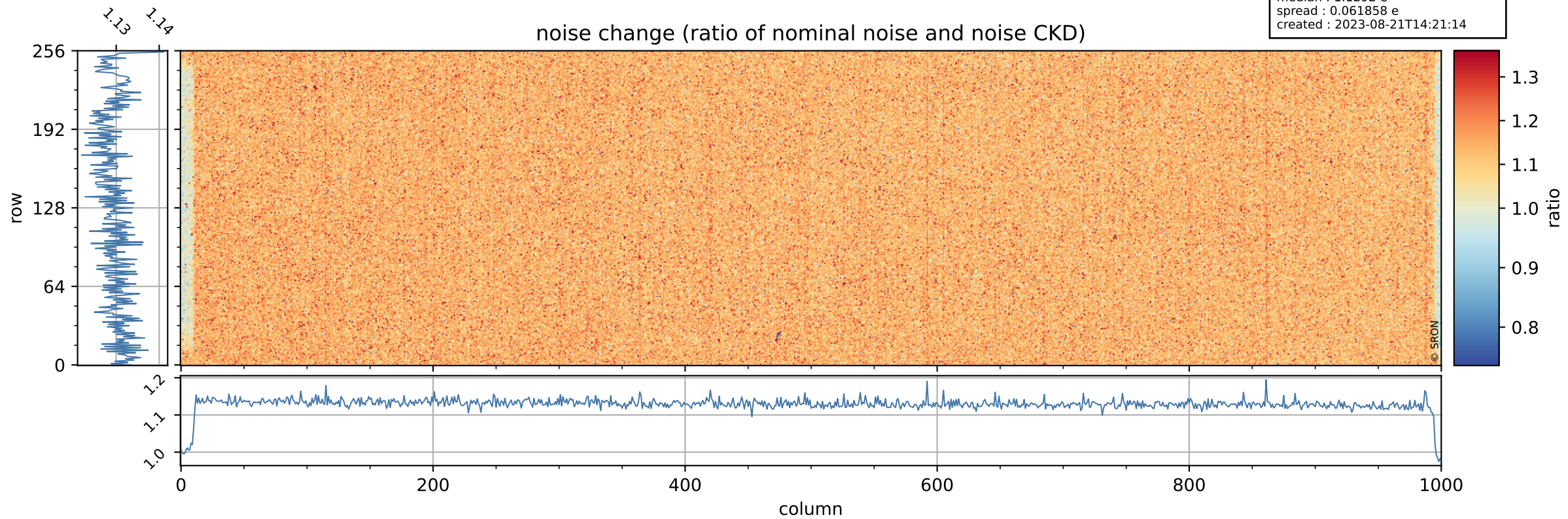
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [3187, 3277]  
coverage : 2018-05-26 / 2018-06-01  
median : 1.0023 e  
spread : 0.0080512 e  
created : 2023-08-21T14:21:13



# Tropomi SWIR background noise (swir)

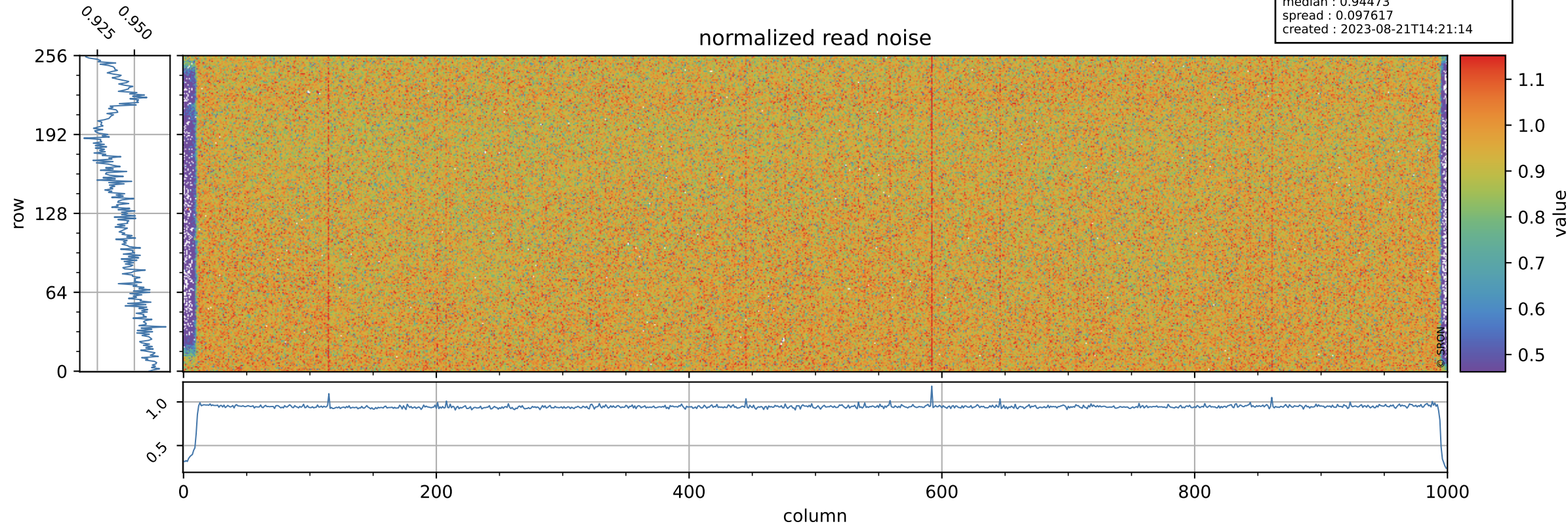
orbits : 13 in [3187, 3277]  
coverage : 2018-05-26 / 2018-06-01  
median : 1.1292 e  
spread : 0.061858 e  
created : 2023-08-21T14:21:14





# Tropomi SWIR background noise (swir)

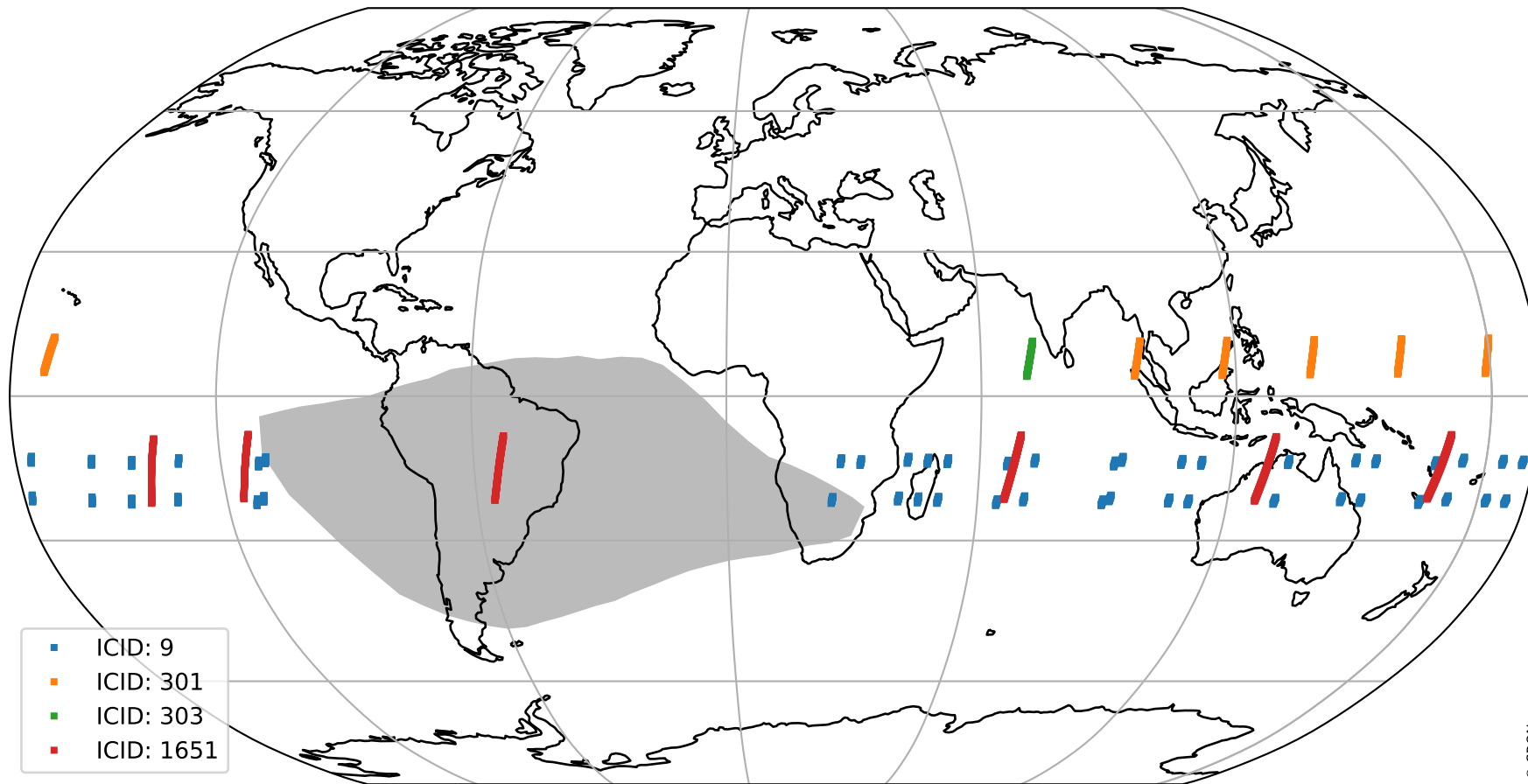
orbits : 13 in [3187, 3277]  
coverage : 2018-05-26 / 2018-06-01  
median : 0.94473  
spread : 0.097617  
created : 2023-08-21T14:21:14





# Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

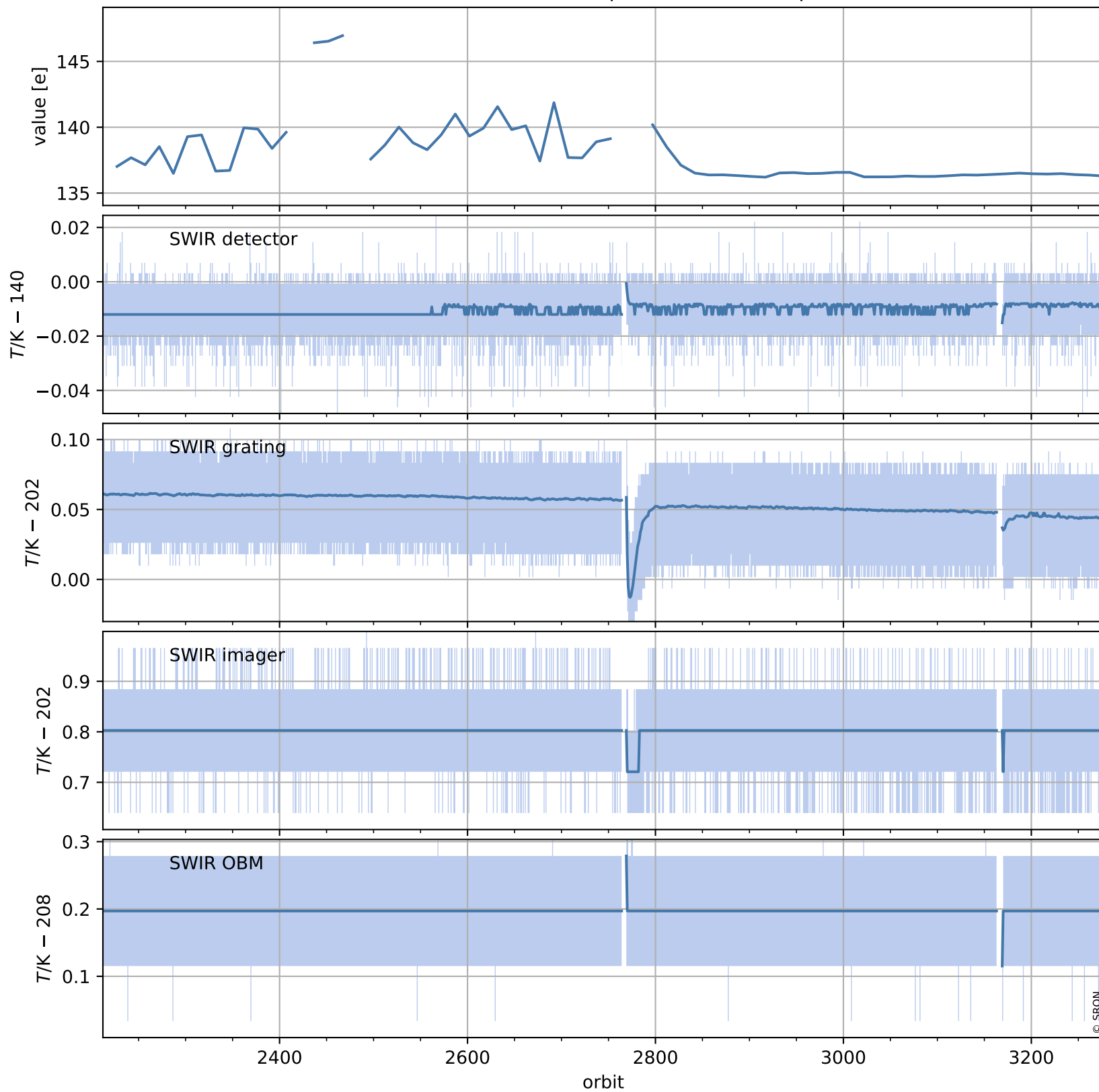
orbits : 13 in [3187, 3277]  
coverage : 2018-05-26 / 2018-06-01  
created : 2023-08-21T14:21:14



# Tropomi SWIR background noise (swir)

orbits : [2212, 3277]  
coverage : 2018-03-18 / 2018-06-01  
created : 2023-08-21T14:21:14

## trend of detector median of plain noise & temperatures

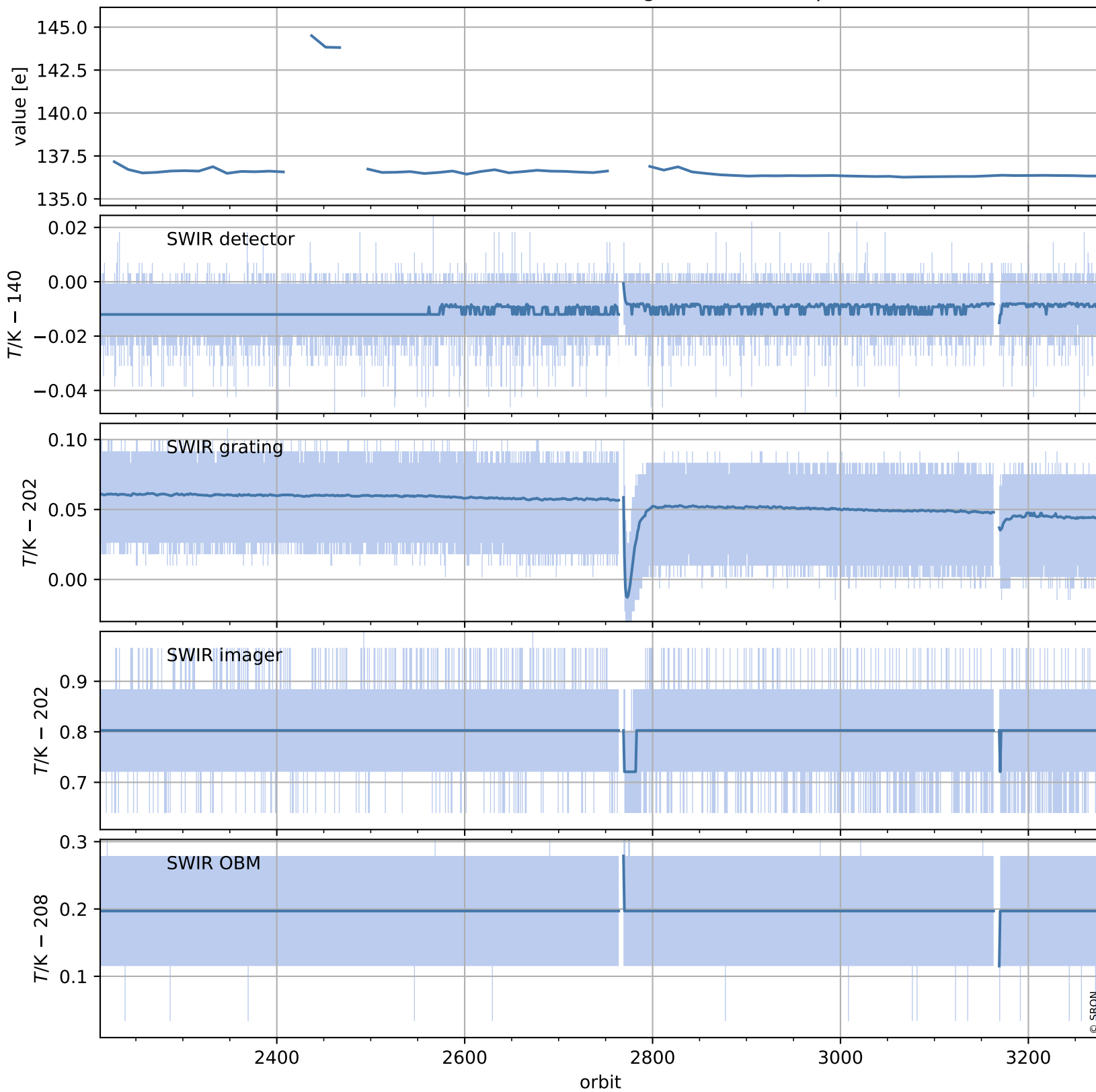




# Tropomi SWIR background noise (swir)

orbits : [2212, 3277]  
coverage : 2018-03-18 / 2018-06-01  
created : 2023-08-21T14:21:15

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3277]  
coverage : 2018-03-18 / 2018-06-01  
created : 2023-08-21T14:21:15

## trend of normalized read-noise & temperatures

